

FIG. 1

PRIMARY KEY	COLUMN A	COLUMN B	COLUMN C	COLUMN D	COLUMN E
1	DATA	DATA	DATA	DATA	DATA
2	DATA	DATA	DATA	DATA	DATA
3	DATA	DATA	DATA	DATA	DATA
4	DATA	DATA	DATA	DATA	DATA
5	DATA	DATA	DATA	DATA	DATA
6	DATA	DATA	DATA	DATA	DATA
7	DATA	DATA	DATA	DATA	DATA
8	DATA	DATA	DATA	DATA	DATA
9	DATA	DATA	DATA	DATA	DATA
10	DATA	DATA	DATA	DATA	DATA
11	DATA	DATA	DATA	DATA	DATA
12	DATA	DATA	DATA	DATA	DATA

124

FIG. 2A

154A

R x C
(3 x 10)

CONVENTIONAL SELECTED DATA DESCRIPTION	
PRIMARY KEY	COLUMN
2	COLUMN B
2	COLUMN C
2	COLUMN D
3	COLUMN B
...	...
11	COLUMN D

125

122

124

127

PRIMARY KEY	COLUMN A	COLUMN B	COLUMN C	COLUMN D	COLUMN E
1	DATA	DATA	DATA	DATA	DATA
2	DATA	DATA	DATA	DATA	DATA
3	DATA	DATA	DATA	DATA	DATA
4	DATA	DATA	DATA	DATA	DATA
5	DATA	DATA	DATA	DATA	DATA
6	DATA	DATA	DATA	DATA	DATA
7	DATA	DATA	DATA	DATA	DATA
8	DATA	DATA	DATA	DATA	DATA
9	DATA	DATA	DATA	DATA	DATA
10	DATA	DATA	DATA	DATA	DATA
11	DATA	DATA	DATA	DATA	DATA
12	DATA	DATA	DATA	DATA	DATA

FIG. 2B

154B

125

127

R + C
(10 + 3)

EDGE 1

EDGE 2

EDGE DEFINITION	
PRIMARY KEY	COLUMN
2	COLUMN B
2	COLUMN C
2	COLUMN D
2	COLUMN D
3	COLUMN D
4	COLUMN D
...	...
11	COLUMN D

PRIMARY KEY	COLUMN A	COLUMN B	COLUMN B'	COLUMN C	COLUMN D	COLUMN E
1	DATA	DATA	DATA	DATA	DATA	DATA
2	DATA	DATA	DATA	DATA	DATA	DATA
3	DATA	DATA	DATA	DATA	DATA	DATA
4	DATA	DATA	DATA	DATA	DATA	DATA
5	DATA	DATA	DATA	DATA	DATA	DATA
5.5	DATA	DATA	DATA	DATA	DATA	DATA
6	DATA	DATA	DATA	DATA	DATA	DATA
7	DATA	DATA	DATA	DATA	DATA	DATA
8	DATA	DATA	DATA	DATA	DATA	DATA
9	DATA	DATA	DATA	DATA	DATA	DATA
10	DATA	DATA	DATA	DATA	DATA	DATA
11	DATA	DATA	DATA	DATA	DATA	DATA
12	DATA	DATA	DATA	DATA	DATA	DATA

FIG. 2C

EDGE DEFINITION (CONTIGUOUS)	
PRIMARY KEY LIST	2,3,4,5,6,7,8,9,10,11
COLUMN LIST	B,C,D

154C



PRIMARY KEY	COLUMN A	COLUMN B	COLUMN C	COLUMN D	COLUMN E	COLUMN F	COLUMN G
1	DATA						
2	DATA						
3	DATA						
4	DATA						
5	DATA						
6	DATA						
7	DATA						
8	DATA						
9	DATA						
10	DATA						
11	DATA						
12	DATA						

FIG. 2D

EDGE DEFINITION (DISCONTIGUOUS)						
	PARTITION 1	PARTITION 2	PARTITION 3	PARTITION 4		
PRIMARY KEY LIST	2,3,4,5	6,7	6,7	8,9,10,11		
COLUMN LIST	B,C,D,E,F	B,C	E,F	B,C,D,E,F		

154D

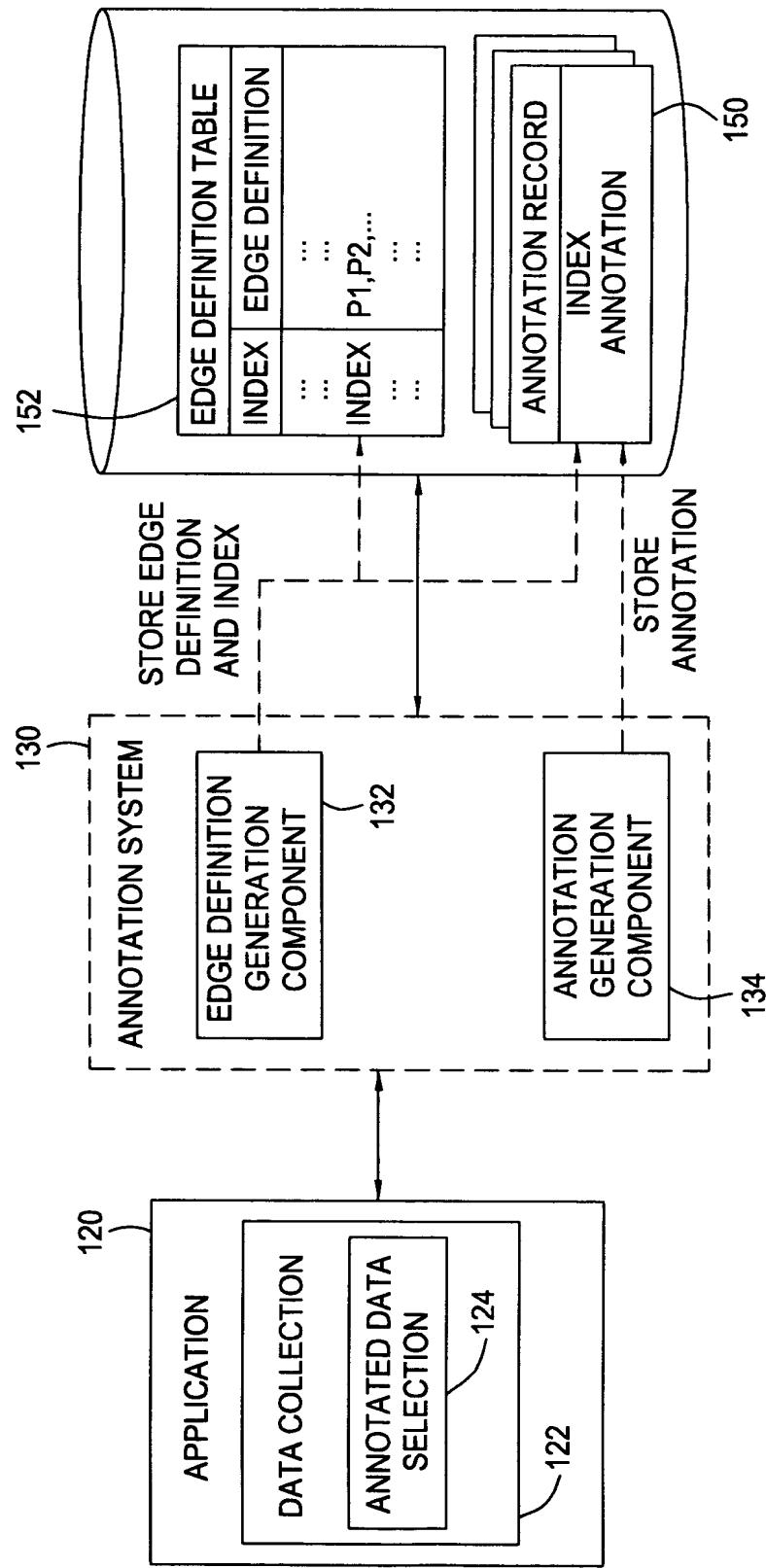


FIG. 3

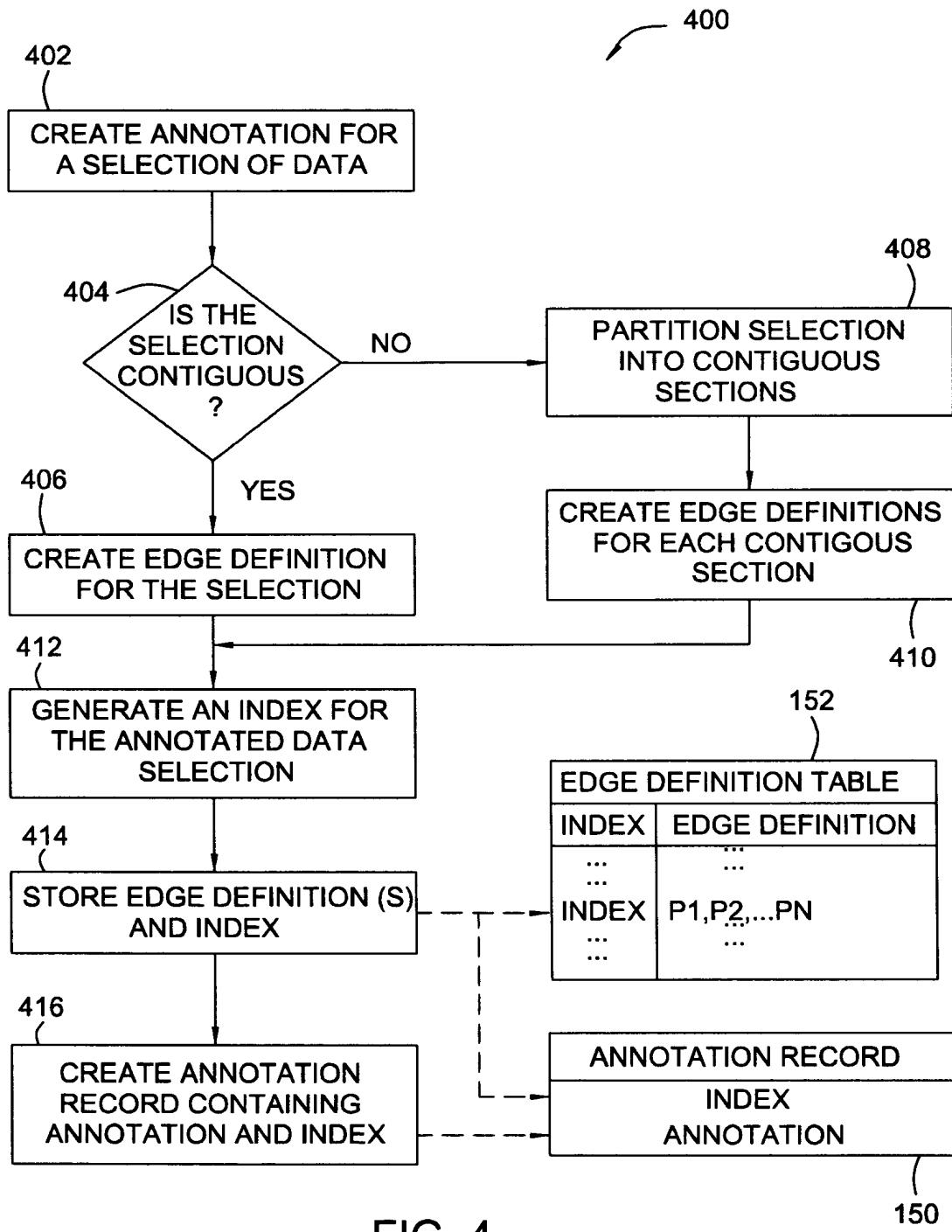


FIG. 4

500

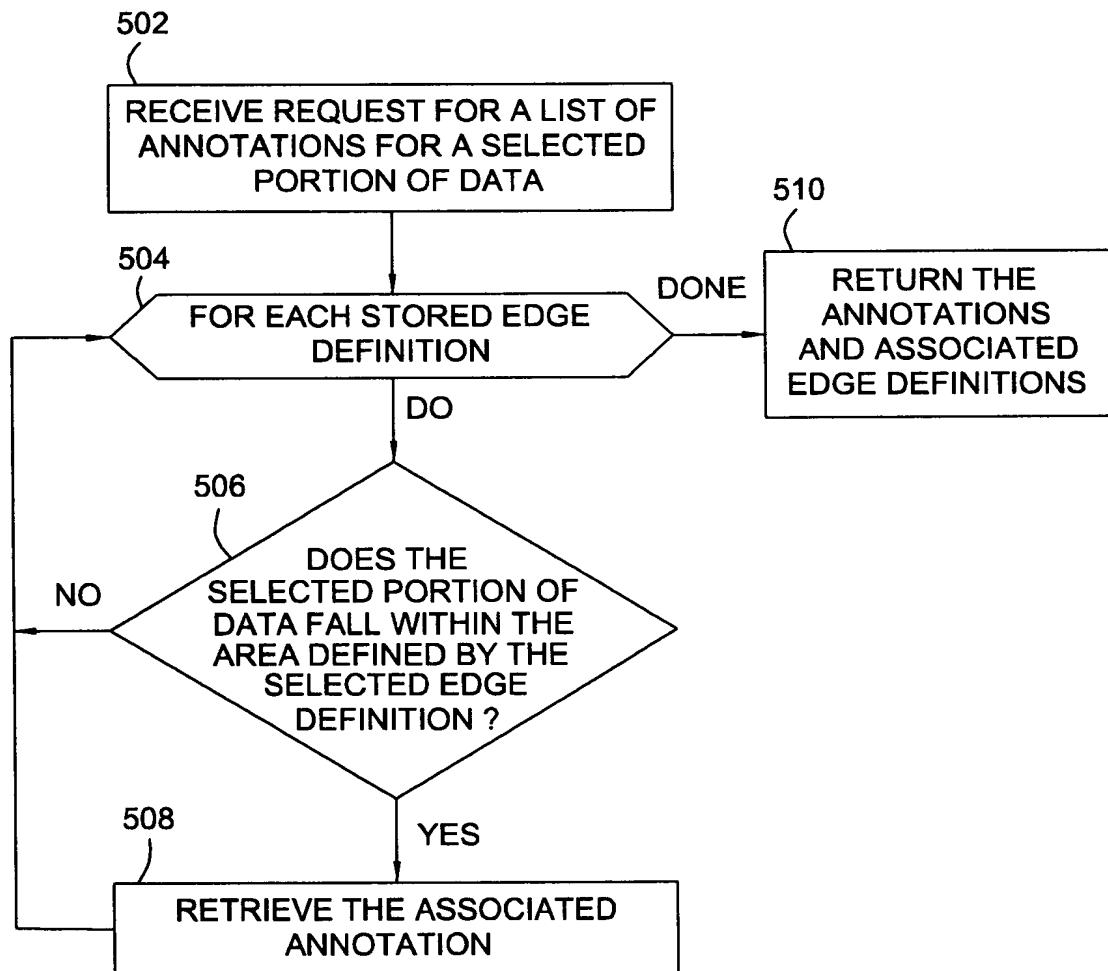


FIG. 5

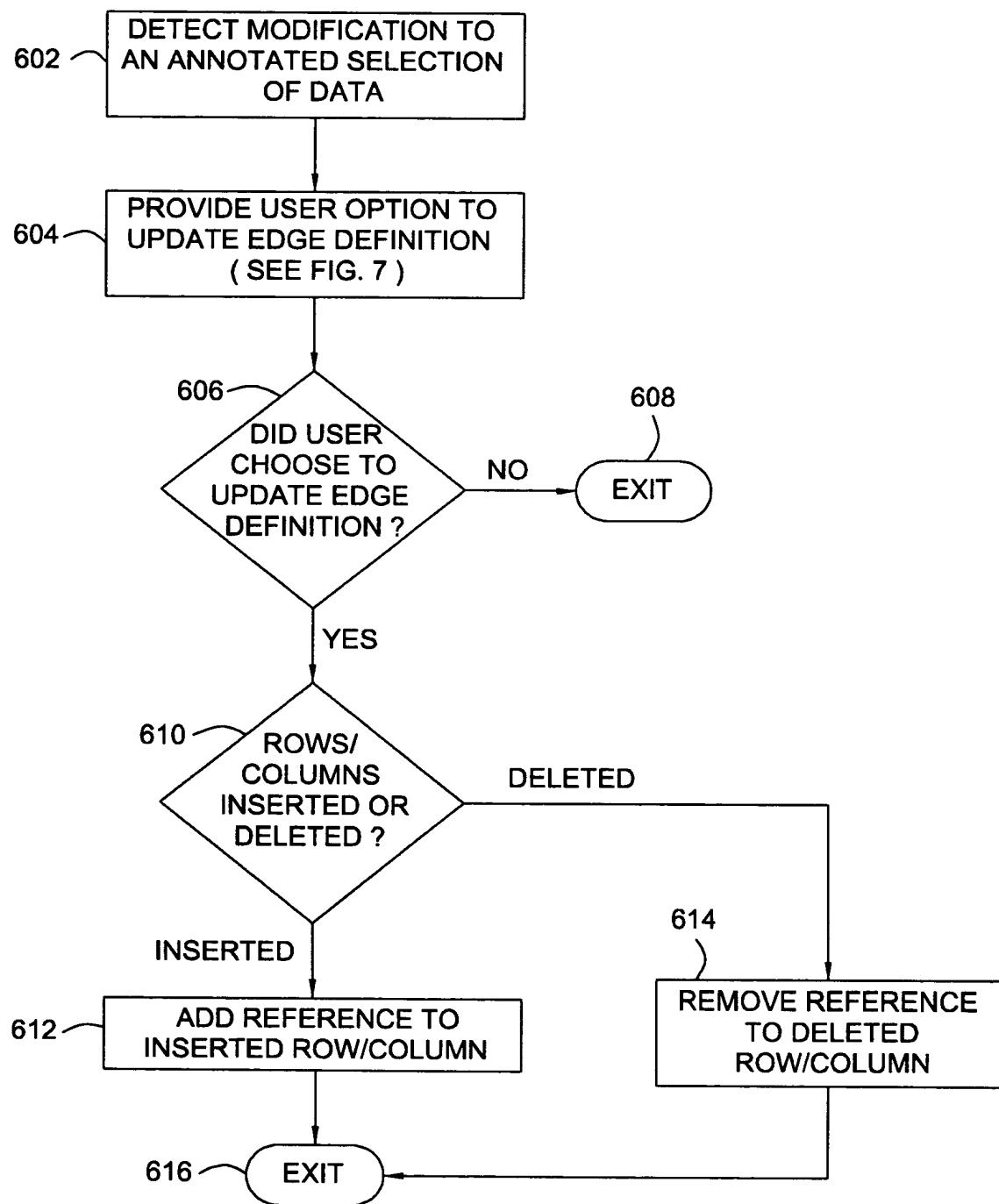


FIG. 6

700

AN ANNOTATED DATA SELECTION HAS BEEN MODIFIED		
MODIFICATION: INSERTION OF COLUMN "TEST A RESULTS"		
<input checked="" type="radio"/> UPDATE EDGE DEFINITION TO REFLECT MODIFICATION		
<input type="radio"/> MAINTAIN CURRENT EDGE DEFINITION AND ANNOTATION		
<input type="radio"/> EDIT ANNOTATION		
<input type="radio"/> DELETE ANNOTATION		
OK	CANCEL	VIEW ANNOTATION

702

FIG. 7